

# SOUTH PRODUCTION NOTES

August 4, 2016

7-3 Shift Notes

**BASF EMPLOYEES**

261 Last Recordable

321 Last Lost time

**Title V Notes:** Trimer – Has been fixed and calibrated, running well. WOW for secondary ORP probe on tank 2 not working. Tank 2 pH is reading correctly. Sump tank PH probe is working, but caustic valve needs to be fixed – WOW.

B9 Sump – have CRTs walk a couple times per shift to check for overflow.

F1 – Cleaning is done, running.

CTO – Currently down. Will need to bring back up when we get #3 MED back up and running so we can light the calciner.

Sly – Back up and running. Currently, the old flow meter has been re-installed. Take the title V reading there. Flow meter for nozzles is working. Elliot needs to still work on meter for the bed.

Virons – Caustic is working to tanks.

NOx/CO system is still having issues with the alarms going off. We may end up disabling some of them until we can figure out the issue.

## Work To Be Done in the Department:

- Test F2 Overflow to make sure that it is working properly.
- New cleaning rings for the screeners are on the 1<sup>st</sup> floor.
- Midnight shift bring tank #6 to 60 Deg to cook it into the 1.69 to 1.72 range  
Coming to temp. currently 1.65. Control loop not working.

## #1 MED / AI 5645:

Stopped due to spiral elevator being plugged with solid material. Need to get to batch 366 ish when we start up. W.O.W. to have electrician look at “burner failure error”. Also looking into having the dryer bed interlocked with the burners, so when they kick out the dryer stops.

## #1 RC / AI 5645:

Feed off. The oversize line backed up on midnights and filled up the screener and caused a spill. Since the spiral is making a lot of noise. Need maintenance to look at it.

Remember to take surface areas.

**#2 MED line / Cu 0860:**

Extruder barrel put back on and auger installed.  
WOW for the dust collection arm by the extruder (broken support bracket).

**#2 RC / Cu 0860:**

Went to start cleaning on mids. Was still up to temp. Bringing down then can start cleaning.

**#3 MED line / D-1780 LAQ:**

Material has been cleaned out of filter receiver hopper. Should be ready for maintenance to replace RV. Looks like a hose clamp is caught up in it.

**#3 RC / D-1780 LAQ:**

Out of feed. Holding for powder issues to be fixed on the MED line.  
Make sure to seal pouches on labels (we have had a few fall out).

**#4 RC / Ni-4322 Next:**

Follow the cleanup sheet – this is our #1 priority cleanup. Return to GL office.  
Syntron feed chute to be modified on Thursday.

**#5 RC / Cu 0539 Next:**

Went to start clean up. Was still a bunch of material in the feed hopper. Blew down DC's and will be running through cold on midnights. Need to find a way to get this back in next run.

When running, feed Hopper should not be filled past 2 feet below the top to allow room for blowdowns. HEPA filter was last changed out 6-11-16 on dayshift.

**#6 RC & Dryer / D-0257:**

Zone 1 is still a little low. Looks like valve is calling for 100% did not verify in field. Sly scrubber flow meter working for nozzles. Flow meter for bed needs to be installed still. Currently, the old flow meter has been re-installed.  
Take the title V reading there.

**West Pfaudler / Ni 4322:**

Found another bag that was not fed through national. Got it fed through on mids. National clean up not started. 1<sup>st</sup> impreg batch to be made on 1<sup>st</sup> shift tomorrow. It will be an 80% batch. See Justin's e-mail for instructions for preparation.

**East Pfaudler / D-0257:**

Make the second batch on midnight shift. Do not feed the first batch until John B. gets here in the morning.



### **6 Tank / Ni 4322 (Nickel nitrate):**

Bringing tank up to temp on midnights. Temp control loop not working. Manually opening steam valve will have to monitor. Currently 1.65 spec grav. Looking to be in 1.69 to 1.72 SPG. Tank must be monitored while we are waiting to start the 2<sup>nd</sup> dip.

### **7 Tank / Ni 4322 (Nickel Nitrate):**

Tank was emptied of AMT. Tank has been filled to 90% Bringing up to temp to allow it to cook down.

### **National Dryer / Ni 4322:**

Found bag #9 that was missed during the redry. Bringing that back up and will get fed. Then will need to bring down and start clean up.

### **PK Blender / Catoxid:**

Valve still leaks. To be repaired hopefully Thursday. The diaphragm was replaced, but not the gasket. It will need to be replaced. Testing late on day shift.

Do not open valve to the sump unless the sump is running, had issue with the bldg flooding.

Check bag house DP before starting each batch.

Flow meter is installed but not calibrated yet. DO NOT USE

DP Gauge should be set at 3.5 and 4.25.

### **Abbe Blender:**

Abbe has been rinsed as well as the tank and the lines.

### **Tower 3 / E 406:**

Running E 406 for another 2 days or so.

### **Tower 6 / E 406:**

Tower started at 2pm Tuesday. Continue.

### **North Screener / ?:**

Installing new hoist system now. PSSR has been done. Need to finish a few start up items before starting to use.

### **South Screener / E 406:**

Screener changeover completed on afternoon shift and screening started. Partial drum was topped off. Stretch wrapper is working. Please wrap your drums as full pallets are made. See Tower operator or GL for quick informational session on how to operate.

If you wash down drums with water you need to dry them off – the green drums are very prone to rust.

### **#2662 (west) Pill Machine / AI 3915:**

Down due to no feed.

WOW for leak in line above oil filter. Need more pill mix, North needs to get their hoist repaired.

### **#2664 (east) Pill Machine / Cleaning:**

Down due to no feed.

Need more pill mix, North needs to get their hoist repaired.

### **TK #2 / ?:**

Done. Leave the saggars on – Next Product?

### **TK #4 / 103 GP screening:**

Screening is done.

### **Harrop Kiln / AI-3920:**

Continue running.

We need to stop feeding hot material to the screener by making a large pile on the top of the screener then turning it on after the material has cooled. By overloading the screener we are causing the product to not screen correctly and this putting us out of spec on this material. We must now rescreen a bunch of material we have already made. Please allow cars to come around and cool, and feed the screener only if you are able to keep the screener running.

### **Building 27 Belt Filter / Cu 6081:**

Continue. New scale has been brought over to use so that we can finish up the totes of caustic.

We have switched to 188 lined super sacks. These will need cardboard sleeves around them and new clean pallets.

Top 15 are important enough to keep running and staffed, top 7 cannot afford to have additional production interruptions.

- 1) #4 RC/Trimer
- 2) #1 MED/RC/Trimer
- 3) West Pfaudler/National Dryer
- 4) #6 RC/East Pfaudler (once started up early next week)
- 5) #1 RC North
- 6) North CUAPV (to keep #1 RC North running)
- 7) North PK/Wyssmont
- 8) #2 MED/RC
- 9) #3 MED/RC/CTO
- 10) South Precip/APV (PPT is low on feed)
- 11) Horne Machines

- 12) Harrop Kiln
- 13) South PK
- 14) #5 RC
- 15) Reduction Towers/Screening
- 16) Re-Screening AI-3920 T
- 17) PR2 AI-3915 T
- 18) Kneader
- 19) PR2 Cu-0864 T